

Sixth update of early emergences of moths at Selborne, Hampshire

These tables continues the comparisons (*Ent. Rec.* **113**: 29-30) between my earliest observations of non-hibernatory species in 1992-94 and those in 1995-97. The m.v. light was run here on just over 320 nights during each year of the survey. Of these next 111 species, 66 arrived earlier in 1995-97 than in 1992-1994. Thirty-seven species were seen in a month earlier than is usually expected.

These updates have so far related to the months January to June inclusive. They have covered 294 species, of which 198 (67.3%) arrived earlier in the second period, 1994-97. Fourteen other species (4.8%) shared the same date in both periods, whilst 82 species (27.9%) arrived later in the second period. These figures appear to be statistically significant.

It is interesting to note that of the total range of species, using data from either period, 105 (35.7%) were seen in a month earlier than is usually expected.

Species	1995-1997	1992-1994	MBGBI imago
1808 <i>Perizoma flavofasciata</i> (Thunb.)	5 Jun 97	25 May 93	Jun, Jul
1817 <i>Eupithecia pulchellata pulchellata</i> (Steph.)	5 Jun 97	7 Jun 94	May, Jun
1010 <i>Ditula angustiorana</i> (Haw.)	6 Jun 95	10 Jun 93	Jun, Jul
1084 <i>Hedya ochroleucana</i> (Fröl.)	6 Jun 97	15 Jun 93	Jun-Aug
1261 <i>Cydia pomonella</i> (Linn.)	6 Jun 96	27 May 92	Jun-Aug
1302 <i>Crambus perlella</i> (Scop.)	6 Jun 97	13 Jun 93	Jun-Aug
1334a <i>Scoparia basistrigalis</i> (Knaggs)	6 Jun 97	8 Jul 94	Jul, Aug
1654 <i>Tethea ocularis octogesimea</i> (Hb.)	6 Jun 95	9 Jun 93	May-Jul
1889 <i>Macaria notata</i> (Linn.)	6 Jun 96	30 May 93	Jun, Jul
1941 <i>Alcis repandata repandata</i> (Linn.)	6 Jun 95	23 Jun 93, 94	Jun, Jul
2088 <i>Agrotis clavis</i> (Hufn.)	6 Jun 97	3 Jun 93	Jun, Jul
2155 <i>Melanchra persicariae</i> (Linn.)	6 Jun 97	20 Jun 94	Jun-Aug
2305 <i>Euplexia lucipara</i> (Linn.)	6 Jun 95	6 Jun 93	Jun, Jul
140 <i>Nematopogon swammerdamella</i> (Linn.)	7 Jun 96	14 Jun 93	May, Jun
1275 <i>Dichrorampha flavidorsana</i> (Knaggs)	7 Jun 97	26 Jun 92	Jul, Aug
1690 <i>Scopula imitaria</i> (Hb.)	7 Jun 97	28 Jun 94	Jul, Aug
1707 <i>Idaea seriata</i> (Schr.)	7 Jun 95	26 May 92	Jul-Oct
1992 <i>Deilephila porcellus</i> (Linn.)	7 Jun 96	19 Jun 94	May, Jun

Species	1995-1997	1992-1994	MBGBI imago
2283 <i>Acronicta tridens</i> (D.&S.)	7 Jun 96	21 Jun 94	Jun, Jul
2381 <i>Hoplodrina alsines</i> (Brahm)	7 Jun 97	14 Jun 93	Jun-Aug
2489 <i>Zanclognatha tarsipennalis</i> (Treit.)	7 Jun 97	25 Jun 93, 94	Jun, Jul
1165 <i>Zeiraphera isertana</i> (Fabr.)	8 Jun 96	1 Jul 94	Jul-Sep
1344 <i>Eudonia mercurella</i> (Linn.)	8 Jun 97	6 Jun 93	Jun-Sep
2107 <i>Noctua pronuba</i> (Linn.)	8 Jun 97	31 May 92	Jun-Sep
2322 <i>Apamea lithoxylaea</i> (D.&S.)	8 Jun 97	23 Jun 92	Jun-Aug
2331 <i>Apamea unanimitis</i> (Hb.)	8 Jun 97	9 Jun 93	May-Jul
970 <i>Pandemis cerasana</i> (Hb.)	10 Jun 97	23 Jun 94	Jun-Aug
994 <i>Clepsis consimilana</i> (Hb.)	10 Jun 97	20 May 92	Jun-Sep
1033 <i>Tortrix viridana</i> (Linn.)	10 Jun 97	10 Jun 93	Jun-Aug
1079 <i>Piniphila bifasciana</i> (Haw.)	10 Jun 97	16 Jul 93	Jun, Jul
1083 <i>Hedya nubiferana</i> (Haw.)	10 Jun 97	29 May 93	Jun-Aug
1175 <i>Epiblema uddmanniana</i> (Linn.)	10 Jun 97	27 Jun 93	Jun-Aug
1177 <i>Epiblema rosaecolana</i> (Doubl.)	10 Jun 97	4 Jun 93	July
1470 <i>Euzophera pinguis</i> (Haw.)	10 Jun 97	18 Jun 93	Jul-Sep
1646 <i>Watsonalla binaria</i> (Hufn.)	10 Jun 97	14 Aug 93	May-Aug
1657 <i>Ochropacha duplaris</i> (Linn.)	10 Jun 97	28 Jun 94	Jun-Aug
1784 <i>Melanthia procellata</i> (D.&S.)	10 Jun 97	24 Jun 94	Jun-Aug
2163 <i>Melanchra pisi</i> (Linn.)	10 Jun 97	23 Jun 92	May-Jul
2340 <i>Oligia fasciuncula</i> (Haw.)	10 Jun 97	10 Jun 93	Jun, Jul
2477 <i>Hypena proboscidalis</i> (Linn.)	10 Jun 97	2 Jun 93	Jun-Aug
1002 <i>Lozotaenia forsterana</i> (Fabr.)	11 Jun 97	24 Jun 93, 94	Jun, Jul
1413 <i>Hypsopygia costalis</i> (Fabr.)	11 Jun 97	26 Jun 93	Apr, May Aug- Nov
1513 <i>Pterophorus pentadactyla</i> (Linn.)	11 Jun 97	20 Jun 92	Jun, Jul
1713 <i>Idaea aversata</i> (Linn.)	11 Jun 97	21 Jun 92	Jun-Aug
1961 <i>Campaea margaritata</i> (Linn.)	11 Jun 97	24 Jun 94	Jul, Aug
1980 <i>Smerinthus ocellata</i> (Linn.)	11 Jun 96	21 May 92	May-Jul
2128 <i>Xestia triangulum</i> (Hufn.)	11 Jun 97	9 Jun 93	Jun, Jul

Species	1995-1997	1992-1994	MBGBI imago
2284 <i>Acronicta psi</i> (Linn.)	11 Jun 97	14 Jun 93	Jun-Aug
1115 <i>Ancylis achatana</i> (D.&S.)	12 Jun 97	29 Jun 93	Jun-Aug
1332 <i>Scoparia subfusca</i> (Haw.)	12 Jun 97	22 May 94	Jun-Aug
1424 <i>Endotricha flammealis</i> (D.&S.)	12 Jun 97	3 Jul 93	Jun-Aug
1754 <i>Eulithis prunata</i> (Linn.)	12 Jun 97	10 Jun 93	Jul, Aug
1758 <i>Eulithis pyraliata</i> (D.&S.)	13 Jun 97	26 Jun 92	Jun-Aug
2323 <i>Apamea sublustris</i> (Esp.)	13 Jun 97	12 Jun 93	Jun-Jul
1020 <i>Cnephasia stephensiana</i> (Doubl.)	15 Jun 97	29 Jun 93	Jun-Aug
1673 <i>Hemistola chrysoprasaria</i> (Esp.)	15 Jun 97	24 Jun 92, 93	Jun-Aug
2164 <i>Hecatera bicolorata</i> (Hufn.)	15 Jun 95	23 Jun 94	Jun-Sep
1024 <i>Cnephasia incertana</i> (Treit.)	16 Jun 97	23 Jun 93	Jun, Jul
1063 <i>Celypha striana</i> (D.&S.)	16 Jun 97	2 Jun 93	Jun-Sep
977 <i>Archips podana</i> (Scop.)	17 Jun 97	6 Jun 93	Jun-Aug
1032 <i>Aleimma loeflingiana</i> (Linn.)	18 Jun 97	1 Jul 93, 94	Jun-Aug
1483 <i>Phycitodes binaevella</i> (Hb.)	18 Jun 97	26 Jun 93	Jul, Aug
1653 <i>Habrosyne pyritoides</i> (Hufn.)	18 Jun 97	9 Jun 93	Jun, Jul
1674 <i>Jodis lactearia</i> (Linn.)	18 Jun 97	6 Jun 93	Jun-Aug
1201 <i>Eucosma cana</i> (Haw.)	19 Jun 95	28 Jun 94	Jun-Aug
1425 <i>Galleria mellonella</i> (Linn.)	20 Jun 95	27 Jul 94	Jul-Oct
1842 <i>Eupithecia simpliciatata</i> (Haw.)	20 Jun 95	27 Jul 94	Jun-Aug
2474 <i>Rivula sericealis</i> (Scop.)	20 Jun 95	3 Jun 93	Jun, Jul
1205 <i>Spilonota ocellana</i> (D.&S.)	21 Jun 97	10 Jul 94	Jun-Aug
1304 <i>Agriphila straminella</i> (D.&S.)	21 Jun 95	23 Jun 92	Jul, Aug
2145 <i>Discestra trifolii</i> (Hufn.)	21 Jun 96	25 May 93	May, Jun
1667 <i>Comibaena bajularia</i> (D.&S.)	22 Jun 95	23 Jun 92	Jun, Jul
1708 <i>Idaea dimidiata</i> (Hufn.)	22 Jun 97	23 Jun 93	Jun-Aug
980 <i>Archips xylosteana</i> (Linn.)	23 Jun 97	1 Jul 94	Jul, Aug
1340 <i>Eudonia truncicolella</i> (Stt.)	23 Jun 97	11 Jul 94	Jul-Sep
1390 <i>Udea prunalis</i> (D.&S.)	23 Jun 97	13 Jun 93	Jun-Aug

Species	1995-1997	1992-1994	MBGBI imago
1669 <i>Hemithea aestivaria</i> (Hb.)	23 Jun 95	30 Jun 93	Jun, Jul
1702 <i>Idaea biselata</i> (Hufn.)	23 Jun 97	18 Jun 93	Jun-Aug
1922 <i>Ourapteryx sambucaria</i> (Linn.)	23 Jun 97	23 Jun 92	Jun, Jul
2077 <i>Nola cucullatella</i> (Linn.)	23 Jun 97	3 Jul 94	Jun, Jul
2193 <i>Mythimna ferrago</i> (Fabr.)	23 Jun 97	23 Jun 92	Jul, Aug
2327 <i>Apamea epomidion</i> (Haw.)	23 Jun 97	13 Jun 93	Jun, Jul
1361 <i>Pyrausta aurata</i> (Scop.)	24 Jun 95	15 Jun 92	May-Aug
2050 <i>Eilema lurideola</i> (Zinck.)	24 Jun 95	24 Jun 94	Jul-Aug
945 <i>Aethes cnicana</i> (Westw.)	25 Jun 97	10 Jul 94	Jun, Jul
972 <i>Pandemis heparana</i> (D.&S.)	25 Jun 95	23 Jun 93, 94	Jun-Aug
1893 <i>Macaria liturata</i> (Cl.)	25 Jun 96	25 May 93	Jun, Jul
2040 <i>Cybosia mesomella</i> (Linn.)	25 Jun 96	28 Jun 93	Jun, Jul
2150 <i>Polia nebulosa</i> (Hufn.)	25 Jun 97	29 Jun 93	Jun, Jul
2345 <i>Photodes minima</i> (Haw.)	25 Jun 95, 97	4 Jul 93	Jun-Aug
993 <i>Clepsis spectrana</i> (Treit.)	26 Jun 95	24 Jul 94	May-Sep
1910 <i>Apeira syringaria</i> (Linn.)	26 Jun 95	24 Jun 93	Jun, Jul
2198 <i>Mythimna impura</i> (Hb.)	26 Jun 95	30 Jun 93	Jun-Aug
2443 <i>Autographa jota</i> (Linn.)	26 Jun 95	22 Jun 93	Jun-Aug
818 <i>Scrobipalpa atriplicella</i> (F.v.R.)	27 Jun 96	7 Aug 94	Jul, Aug
1331 <i>Acentria ephemerella</i> (D.&S.)	27 Jun 95	1 Jul 93, 94	Jun-Sep
2330 <i>Apamea remissa</i> (Hb.)	27 Jun 95	13 Jun 94	Jun, Jul
642 <i>Batia unitella</i> (Hb.)	28 Jun 95	30 Jun 93	Jul, Aug
1035 <i>Acleris bergmanniana</i> (Linn.)	28 Jun 95	14 May 93	Jun-Aug
1405 <i>Pleuroptya ruralis</i> (Scop.)	28 Jun 95	5 Jun 93	Jul-Sep
1462 <i>Pempeliella dilutella</i> (D.&S.)	28 Jun 95	21 Jul 94	Jul, Aug
1791 <i>Philereme vetulata</i> (D.&S.)	28 Jun 95	4 Jul 93	July
2009 <i>Ptilodon cucullina</i> (D.&S.)	28 Jun 97	18 Jun 93	May-Jul
2109 <i>Noctua comes</i> (Hb.)	28 Jun 95	7 Jul 94	Jul-Sep
2110 <i>Noctua fimbriata</i> (Schreb.)	28 Jun 97	9 Aug 94	Aug, Sep

Species	1995-1997	1992-1994	MBGBI imago
981 <i>Archips rosana</i> (Linn.)	29 Jun 97	29 Jun 92	Jul-Sep
1048 <i>Acleris variegana</i> (D.&S.)	29 Jun 97	17 Jul 94	Jul-Nov
1962 <i>Hylaea fasciaria</i> (Linn.)	29 Jun 95	22 Jun 92	Jun-Aug
1452 <i>Phycita roborella</i> (D.&S.)	30 Jun 95	7 Jul 93	Jul-Sep
1803 <i>Perizoma alchemillata</i> (Linn.)	30 Jun 95	13 Jun 94	Jun, Jul
2030 <i>Euproctis similis</i> (Fuess.)	30 Jun 95	6 Jul 93, 94	Jul, Aug

– ALASDAIR ASTON, Wake's Cottage, Selborne, Hampshire GU34 3JH.

EDITORIAL NOTE: Alasdair Aston's regular summaries of species emerging earlier than expected provide a valuable ongoing record. For the benefit of new subscribers, earlier summaries may be read in this journal at **106: 116; 107: 4; 107: 191; 110: 54; 110: 189; 111: 134; 111: 220; 111: 286; 112: 183-185** and *antea* 29-30.

Larvae of the Scarce Tissue *Rheumaptera cervinalis* (Scop.) (Lep.: Geometridae) at Charlton-on-Otmoor, Oxfordshire

In March 2000, I received a letter from Bruce Tremayne of the Old Rectory, Charlton-on-Otmoor, in response to an article (Waring, 2000. Conserving the Barberry Carpet moth. *British Wildlife* **11**(3): 175-182), about my searches for the endangered Barberry Carpet *Pareulype berberata*. He informed me of a hedgerow containing native Barberry *Berberis vulgaris*, the larval foodplant, which divides his property from the neighbouring field of rough grassland and he was happy for me to inspect it. I paid visits on 19 May 2000 to beat for adult moths and on 21 June and 6 September in 2000, beating the four clumps of Barberry, which I found in the hedge, for larvae. None was seen, and I saw no other Barberry elsewhere in the hedges round the field. However, the visit of 21 June 2000 (18.15 - 18.45 hours) produced six larvae of the Scarce Tissue *Rheumaptera cervinalis*, of various sizes up to two centimetres in length. These distinctive purple and yellow larvae were recorded and returned to the Barberry bushes. The Scarce Tissue was formerly considered a Nationally Notable species, but has since been found to occur much more widely, feeding as larvae on a number of the cultivated *Berberis* species now commonly planted in gardens, parks and along suburban and urban road verges. Waring (1992. Scarce Tissue moth *Rheumaptera cervinalis* (Lep.: Geometridae) and a search for the Barberry carpet moth, *Pareulype berberata* (Lep.: Geometridae) in Lincolnshire. *Ent. Rec.* **104**: 63-66), discussed the status of this moth and provided a national distribution map. Since that time I have found the larvae in many more places where I have beaten *Berberis*, both wild *B. vulgaris* and cultivated *B. thunbergi* and *B. ottawensis*. Beating for larvae is much the best way to find